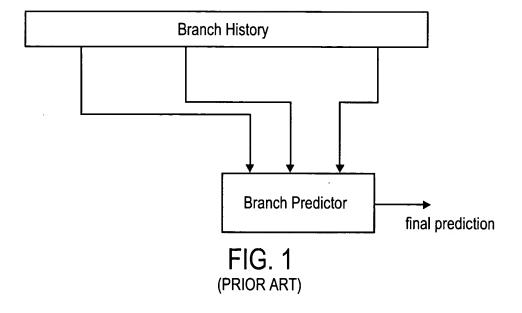
Title: A Segmented Branch Predictor Inventor: Gabriel Loh Express Mail No: EV409356254US Docket No: 42P18222 Page 1 of 5



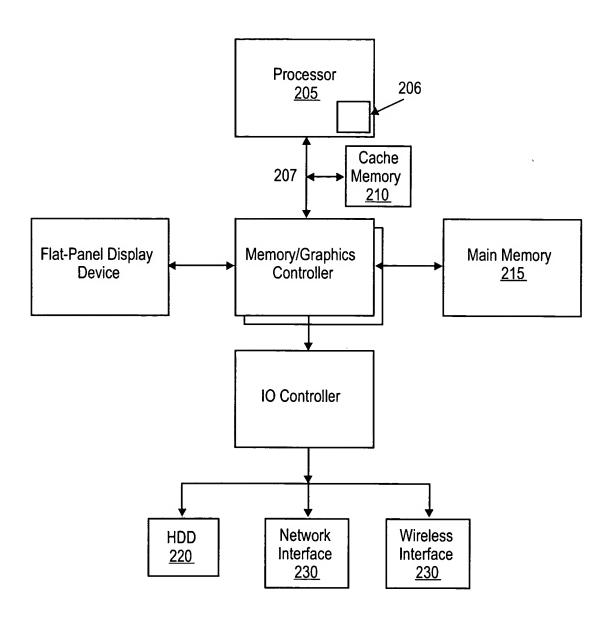


FIG. 2

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Microprocessor 300

320

Retirement Unit 325

Decoder/Fetch Unit 305 Fetched Instruction Rename Unit 310 Scheduling Unit 315 Execution Unit

→ Retire Instruction

FIG. 3

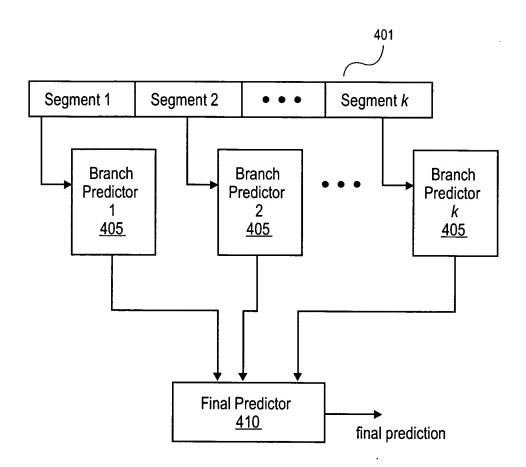


FIG. 4

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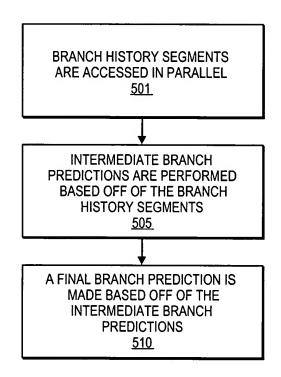


FIG. 5